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## UTILITY PATENT APPLICATION TRANSMITTAL

(only for new non-provisional applications under 37 CFR §1.53(b))



Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as Expsess Mail in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Bby 1450, Alexandria, VA 22313-1450, on 30 December 2003 Transmitted herewith for filing is the patent application under 37 CFR 1.53(b) of: Express Mail No. AVENTIS DOCKET NO.: USAV2003/0073 US NP INVENTORS: PARKAR, et al. **NUCLEIC ACID ENCODING A NOVEL** TITLE: PROSTAGLANDIN RECEPTOR PROTEIN AND METHODS OF USE THEREOF APPLICATION ELEMENTS 1. \*Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Total Pages 92 Specification (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 7 3. Drawing(s) (35 U.S.C. 113) **Total Sheets** Oath or Declaration Total Pages 2 Newly unexecuted (original or copy) a. Copy from a prior application (37 CFR § 1.63(d)) b. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b). Total Pages 5. Power of Attorney Newly unexecuted (original or copy) a. b. Copy from a prior application (37 CFR § 1.63(d))

Microfiche Computer Program (Appendix)

7.		eotide and	d/or Amino Acid Seque	nce Submission						
	a.		mputer Readable Copy	1						
	b. Paper Copy (identical to computer copy)									
	c. Statement verifying identity of above copies									
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	If a CONTINUING Application, check appropriate box, and supply the requisite information:									
		Continuati	on Divisional	Continuation	on-in-part					
	•		ation no:, filed	1	•					
			, Group/Art Unit	 s inserted on pag	e one of the specification).					
	(THE	CIOSS IEI	erence has been will be	e inserted on pag	e one of the specification).					
	This	application	on claims the benefit of	U.S. Provisional	Application No. ,					
	filed	. (Т	he cross reference has beer	n/will be inserted on p	page one of the specification).					
	Inco	rnoration	Ry Poforonco (unachia	if filing a continuation	an/divisional and a copy of the declaration from the orion					
	<b>Incorporation By Reference</b> (useable if filing a continuation/divisional and a copy of the declaration from the prior application is enclosed.)									
		The entire disclosure of the prior application, from which a copy of the oath or declaration is								
		supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.								
	11010	by moorpo	orated by reference the							
ACC	OMP	ANYING .	APPLICATION PARTS	5						
7.		_	ent Papers (cover sheet &	& document(s))						
8.			§3.73(b) Statement							
0		•	<i>ere is an assignee)</i> English Translation Do	cument (if annlice	ebla)					
9. 10.	H		English Translation Dod ion Disclosure		Copies of IDS Citations					
10.	ш		nt (IDS)/PTO-1449		Copies of ID3 Citations					
11.			ary Amendment							
12.	$\boxtimes$	Return F	Receipt Postcard (MPER	<sup>2</sup> 503)						
			be specifically itemized	"						
13.			ntity Statement(s)		Statement filed in prior application,					
14.		(PTO/SB/0	.9-12) Copy of Priority Docum	nent(s)	Status still proper and desired					
17.			priority is claimed)	nont(3)						
15.	$\boxtimes$	Other:	<b>Application Data Shee</b>	t						
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				(Insert Customer No. or	Attach bar code label here)					
				Joel B German	n, Reg. No. 48,676					
				Attorney/Agent	•					
		armaceutic	als Inc.		,					
Pater	nt Dep	artment								

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Aventis Docket No. USAV2003/0073 US NP

**FEE TRANSMITTAL** 

Complete if Known Not Yet Assigned Application Number Filing Date December 30, 2003 PARKAR, et al. First Named Inventor Not Yet Known **Examiner Name** Group / Art Unit Not Yet Known

for FY 2004 Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT Attorney Docket No. USAV2003/0073 US NP (\$) 1,926.00

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit Card Money Other None	3. ADDITIONAL FEES							
Order  Deposit Account	Large Entity		Small Entity					
Deposit Account 18,1982	Fee Code	Fee (\$)	Fee Code	Fee (\$)				
Number 10-1702	0000	(Ψ)	0000	(4)	Fee Description Fee	Paid		
Deposit Account Aventis Pharmaceuticals Inc.								
Name The Commissioner is authorized to: (check all that apply)	1051	130	2051	65	Surcharge - late filing fee or oath Surcharge - late provisional filing fee or			
Charge fee(s) indicated below Credit any overpayments	1052	50	2052	25	cover sheet			
Charge any additional fee(s) during the pendency of this application	1053 1812	130 2,520	1053 1812	130 2,520	Non-English Specification For filing a request for reexamination			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
FEE CALCULATION	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
1. BASIC FILING FEE	1251	110	2251	55	Extension for reply within first month			
Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Fee   Fee   Fee   Paid	1252	420	2252	205	Extension for reply within second month			
Code (\$) Code (\$)	1252	420	2232		Extension for repry within second month			
1001 770 2001 375 Utility filing fee 770	1253	950	2253	465	Extension for reply within third month			
1002 340 2002 165 Design filing Fee	1254	1,480	2254	725	Extension for reply within fourth month			
1003 530 2003 260 Plant filing fee	1255	2,010	2255	985	Extension for reply within fifth month			
1004 770   2004 375 Reissue filing fee	1401	330	2401	160	Notice of Appeal			
	1402	330 290	2402 2403	160 140	Filing a brief in support of an appeal			
SUBTOTAL (1) (\$)770.00	1403				Request for oral hearing			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1451	1,510	1451	1,510	Petition to institute a public use proceeding			
Fee Extra from Fee	1452	110	2452	55	Petition to revive - unavoidable			
Claims below Paid	1							
Total Claims 46 -20**= 26 x 18 = 468	1453	1,330	2453	650	Petition to revive - unintentional			
Independent 11 - 3**= 8 x 86 = 688	1501	1,330	2501	650	Utility issue fee (or reissue)			
Claims	1502	480	2502	235	Design issue fee			
Multiple Dependent =	1503	640	2503	315	Plant issue fee			
Large Entity   Small Entity	1460 1807	130 50	1460 1807	130 50	Petitions to the Commissioner Petitions related to provisional			
Fee Fee Fee	100.				applications			
Code (\$) Code (\$) Fee Description	1806	180	1806	180	Submission of Information Disclosure			
1202	8021	40	8021	40	Stmt  Recording each patent assignment per			
	Δ.				property (times number of properties)			
1203 290 2203 140 Multiple dependent claim, if not paid	1809	770	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))			
1204 86 2204 42 **Reissue independent claims over original patent	1810	770	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))			
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	1801	770	2801	375	Request for Continued Examination (RCE)			
	1802	900	1802	900	Request for expedited examination of a design application			
SUBTOTAL (2) (\$)1156.00	Other fe	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid			e Paid	SUBTOTAL (3) (\$)			

SUBMITTED BY Complete (If applicable)							
Name (Print/Type)	Joel B. Grman, Reg. No. 4	18,676	$\sim$	Registration No. (Attomey/Agent)	48,676	Telephone	(908) 231-3444
Signature						Date	12/30/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.